

## Fix All High Tack Invisible

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Fix All High Tack Invisible  
 Registration number REACH : Not applicable (mixture)  
 Product type REACH : Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1 Relevant identified uses

Sealant

##### 1.2.2 Uses advised against

No uses advised against known

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier of the safety data sheet

Soudal N.V.  
 Everdongenlaan 18-20  
 B-2300 Turnhout  
 ☎ +32 14 42 42 31  
 📠 +32 14 42 65 14  
 sds@soudal.com

##### Manufacturer of the product

Soudal N.V.  
 Everdongenlaan 18-20  
 B-2300 Turnhout  
 ☎ +32 14 42 42 31  
 📠 +32 14 42 65 14  
 sds@soudal.com

#### 1.4. Emergency telephone number

24h/24h :  
 +32 14 58 45 45 (BIG)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

| Class           | Category   | Hazard statements                                        |
|-----------------|------------|----------------------------------------------------------|
| Skin Sens.      | category 1 | H317: May cause an allergic skin reaction.               |
| Aquatic Chronic | category 3 | H412: Harmful to aquatic life with long lasting effects. |

#### 2.2. Label elements



Contains: reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate.

##### Signal word

Warning

##### H-statements

H317 May cause an allergic skin reaction.  
 H412 Harmful to aquatic life with long lasting effects.

##### P-statements

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear protective gloves, protective clothing and eye protection/face protection.  
 P273 Avoid release to the environment.  
 P321 Specific treatment (see information on this label).  
 P302 + P352 IF ON SKIN: Wash with plenty of water and soap.  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

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## 2.3. Other hazards

No other hazards known

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name<br>REACH Registration No                                                                                                                | CAS No<br>EC No        | Conc. (C)    | Classification according to CLP                                         | Note    | Remark      |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|-------------------------------------------------------------------------|---------|-------------|
| trimethoxyvinylsilane<br>01-2119513215-52                                                                                                    | 2768-02-7<br>220-449-8 | 1%<C<3%      | Flam. Liq. 3; H226<br>Acute Tox. 4; H332                                | (1)(10) | Constituent |
| reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate<br>01-2119491304-40 |                        | 0.01%<C<2.5% | Skin Sens. 1A; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410 | (1)(10) | Constituent |

(1) For H- and EUH-statements in full: see heading 16

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General:

Observe (own) safety. If possible, approach victim and check vital functions. In case of injury and/or intoxication, call the European emergency number 112. Treat symptoms starting with most life-threatening injuries and disorders. Keep victim under observation, possibility of delayed symptoms.

#### After inhalation:

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

#### After skin contact:

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

#### After eye contact:

Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

#### After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

### 4.2. Most important symptoms and effects, both acute and delayed

#### 4.2.1 Acute symptoms

##### After inhalation:

No effects known.

##### After skin contact:

No effects known.

##### After eye contact:

No effects known.

##### After ingestion:

No effects known.

#### 4.2.2 Delayed symptoms

No effects known.

### 4.3. Indication of any immediate medical attention and special treatment needed

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### 5.1.1 Suitable extinguishing media:

Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting class B foam extinguisher, Quick-acting CO2 extinguisher.

Major fire: Class B foam (alcohol-resistant), Water spray if puddle cannot expand.

#### 5.1.2 Unsuitable extinguishing media:

Small fire: Water (quick-acting extinguisher, reel); risk of puddle expansion.

Major fire: Water; risk of puddle expansion.

### 5.2. Special hazards arising from the substance or mixture

Upon combustion: formation of CO, CO2 and small quantities of nitrous vapours.

### 5.3. Advice for firefighters

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

Revision number: 0303

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## 5.3.1 Instructions:

Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.

## 5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No naked flames.

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034).

Suitable protective clothing

See heading 8.2

### 6.2. Environmental precautions

Contain released product. Dam up the solid spill. Prevent soil and water pollution. Prevent spreading in sewers. Use appropriate containment to avoid environmental contamination.

### 6.3. Methods and material for containment and cleaning up

Cover the solid spill with inert absorbent material. Scoop solid spill into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with a soap solution. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

### 6.4. Reference to other sections

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1. Precautions for safe handling

Keep away from naked flames/heat. Observe very strict hygiene - avoid contact. Do not discharge the waste into the drain.

### 7.2. Conditions for safe storage, including any incompatibilities

#### 7.2.1 Safe storage requirements:

Storage temperature: 20 °C. Meet the legal requirements. Store in a dry area. Keep container in a well-ventilated place. Store at room temperature. Max. storage time: 1 year(s).

#### 7.2.2 Keep away from:

Heat sources.

#### 7.2.3 Suitable packaging material:

Synthetic material.

#### 7.2.4 Non suitable packaging material:

No data available

### 7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

#### 8.1.2 Sampling methods

If applicable and available it will be listed below.

#### 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

#### 8.1.4 Threshold values

##### DNEL/DMEL - Workers

trimethoxyvinylsilane

| Effect level (DNEL/DMEL) | Type                                  | Value                  | Remark |
|--------------------------|---------------------------------------|------------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 27.6 mg/m <sup>3</sup> |        |
|                          | Long-term systemic effects dermal     | 3.9 mg/kg bw/day       |        |

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Effect level (DNEL/DMEL) | Type                                  | Value                  | Remark |
|--------------------------|---------------------------------------|------------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 3.35 mg/m <sup>3</sup> |        |
|                          | Long-term systemic effects dermal     | 2 mg/kg bw/day         |        |

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

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## DNEL/DMEL - General population

trimethoxyvinylsilane

| Effect level (DNEL/DMEL) | Type                                  | Value                  | Remark |
|--------------------------|---------------------------------------|------------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 18.9 mg/m <sup>3</sup> |        |
|                          | Long-term systemic effects dermal     | 7.8 mg/kg bw/day       |        |
|                          | Long-term systemic effects oral       | 0.3 mg/kg bw/day       |        |

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Effect level (DNEL/DMEL) | Type                                  | Value                  | Remark |
|--------------------------|---------------------------------------|------------------------|--------|
| DNEL                     | Long-term systemic effects inhalation | 0.87 mg/m <sup>3</sup> |        |
|                          | Long-term systemic effects dermal     | 1 mg/kg bw/day         |        |
|                          | Long-term systemic effects oral       | 0.5 mg/kg bw/day       |        |

## PNEC

trimethoxyvinylsilane

| Compartment                         | Value                  | Remark |
|-------------------------------------|------------------------|--------|
| Fresh water                         | 0.4 mg/l               |        |
| Marine water                        | 0.04 mg/l              |        |
| Fresh water (intermittent releases) | 2.4 mg/l               |        |
| STP                                 | 6.6 mg/l               |        |
| Fresh water sediment                | 1.5 mg/kg sediment dw  |        |
| Marine water sediment               | 0.15 mg/kg sediment dw |        |
| Soil                                | 0.06 mg/kg soil dw     |        |

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Compartment                  | Value                  | Remark |
|------------------------------|------------------------|--------|
| Fresh water                  | 0.0022 mg/l            |        |
| Marine water                 | 0.00022 mg/l           |        |
| Aqua (intermittent releases) | 0.009 mg/l             |        |
| STP                          | 1 mg/l                 |        |
| Fresh water sediment         | 1.05 mg/kg sediment dw |        |
| Marine water sediment        | 0.11 mg/kg sediment dw |        |
| Soil                         | 0.21 mg/kg soil dw     |        |

### 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

### 8.2.2 Individual protection measures, such as personal protective equipment

Observe very strict hygiene - avoid contact. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Respiratory protection not required in normal conditions.

#### b) Hand protection:

Protective gloves against chemicals (EN 374).

#### c) Eye protection:

Safety glasses (EN 166).

#### d) Skin protection:

Protective clothing (EN 14605 or EN 13034).

### 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Physical form           | Paste                                            |
| Odour                   | Characteristic odour                             |
| Odour threshold         | No data available (test not performed)           |
| Colour                  | Variable in colour, depending on the composition |
| Particle size           | Not applicable                                   |
| Explosion limits        | No data available (test not performed)           |
| Flammability            | Not classified as flammable                      |
| Log Kow                 | Not applicable (mixture)                         |
| Dynamic viscosity       | No data available (test not performed)           |
| Kinematic viscosity     | No data available (test not performed)           |
| Melting point           | No data available (test not performed)           |
| Boiling point           | No data available (test not performed)           |
| Evaporation rate        | No data available (test not performed)           |
| Relative vapour density | Not applicable                                   |
| Vapour pressure         | No data available (test not performed)           |
| Solubility              | No data available (test not performed)           |

Reason for revision: 3.2

Publication date: 2014-04-18

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|                           |                                        |
|---------------------------|----------------------------------------|
| Relative density          | 1.085 ; 20 °C                          |
| Decomposition temperature | No data available (test not performed) |
| Auto-ignition temperature | No data available (test not performed) |
| Flash point               | No data available (test not performed) |
| Explosive properties      | Not classified                         |
| Oxidising properties      | Not classified                         |
| pH                        | No data available (test not performed) |

## 9.2. Other information

|                  |                                |
|------------------|--------------------------------|
| Absolute density | 1085 kg/m <sup>3</sup> ; 20 °C |
|------------------|--------------------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Heating increases the fire hazard.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

#### Precautionary measures

Keep away from naked flames/heat.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

Upon combustion: formation of CO, CO<sub>2</sub> and small quantities of nitrous vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 11.1.1 Test results

#### Acute toxicity

##### Fix All High Tack Invisible

No (test) data on the mixture available

Judgement is based on the relevant ingredients

##### trimethoxyvinylsilane

| Route of exposure    | Parameter | Method                 | Value                         | Exposure time | Species             | Value determination | Remark |
|----------------------|-----------|------------------------|-------------------------------|---------------|---------------------|---------------------|--------|
| Oral                 | LD50      | Equivalent to OECD 401 | 7120 mg/kg bw - 7236 mg/kg bw |               | Rat (male / female) | Experimental value  |        |
| Dermal               | LD50      | Equivalent to OECD 402 | 3259 mg/kg bw - 3880 mg/kg bw | 24 h          | Rabbit (female)     | Converted value     |        |
| Inhalation (vapours) | LC50      | Equivalent to OECD 403 | 16.8 mg/l                     | 4 h           | Rat (male / female) | Experimental value  |        |

##### reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Route of exposure | Parameter | Method                 | Value           | Exposure time | Species             | Value determination | Remark |
|-------------------|-----------|------------------------|-----------------|---------------|---------------------|---------------------|--------|
| Oral              | LD50      | Equivalent to OECD 423 | 3230 mg/kg bw   |               | Rat (male / female) | Experimental value  |        |
| Dermal            | LD50      | Equivalent to OECD 402 | > 3170 mg/kg bw | 24 h          | Rat (male / female) | Read-across         |        |
| Inhalation        |           |                        |                 |               |                     | Data waiving        |        |

#### Conclusion

Not classified for acute toxicity

#### Corrosion/irritation

##### Fix All High Tack Invisible

No (test) data on the mixture available

Judgement is based on the relevant ingredients

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

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# Fix All High Tack Invisible

## trimethoxyvinylsilane

| Route of exposure | Result         | Method   | Exposure time | Time point          | Species | Value determination | Remark |
|-------------------|----------------|----------|---------------|---------------------|---------|---------------------|--------|
| Eye               | Not irritating | OECD 405 | 24 h          | 1; 24; 48; 72 hours | Rabbit  | Experimental value  |        |
| Skin              | Not irritating |          | 24 h          | 24; 48; 72 hours    | Rabbit  | Experimental value  |        |

## reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Route of exposure | Result         | Method       | Exposure time | Time point            | Species | Value determination | Remark                           |
|-------------------|----------------|--------------|---------------|-----------------------|---------|---------------------|----------------------------------|
| Eye               | Not irritating | EPA OPP 81-4 | 30 seconds    | 1; 2; 3; 4; 5; 7 days | Rabbit  | Experimental value  | Single treatment with rinsing    |
| Eye               | Not irritating | EPA OPP 81-4 |               | 1; 2; 3; 4; 5; 7 days | Rabbit  | Experimental value  | Single treatment without rinsing |
| Skin              | Not irritating | EPA OPP 81-5 | 24 h          | 24; 48; 72 hours      | Rabbit  | Experimental value  | Single treatment                 |

### Conclusion

Not classified as irritating to the skin  
Not classified as irritating to the eyes  
Not classified as irritating to the respiratory system

### Respiratory or skin sensitisation

#### Fix All High Tack Invisible

No (test)data on the mixture available  
Classification is based on the relevant ingredients

## trimethoxyvinylsilane

| Route of exposure | Result          | Method   | Exposure time | Observation time point | Species                    | Value determination | Remark |
|-------------------|-----------------|----------|---------------|------------------------|----------------------------|---------------------|--------|
| Skin              | Not sensitizing | OECD 406 |               | 24; 48 hours           | Guinea pig (male / female) | Experimental value  |        |

## reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Route of exposure | Result      | Method   | Exposure time | Observation time point | Species                    | Value determination | Remark |
|-------------------|-------------|----------|---------------|------------------------|----------------------------|---------------------|--------|
| Intradermal       | Sensitizing | OECD 406 |               | 24; 48 hours           | Guinea pig (male / female) | Experimental value  |        |

### Conclusion

May cause an allergic skin reaction.  
Not classified as sensitizing for inhalation

### Specific target organ toxicity

#### Fix All High Tack Invisible

No (test)data on the mixture available  
Judgement is based on the relevant ingredients

## trimethoxyvinylsilane

| Route of exposure    | Parameter | Method                   | Value             | Organ   | Effect                    | Exposure time                      | Species             | Value determination |
|----------------------|-----------|--------------------------|-------------------|---------|---------------------------|------------------------------------|---------------------|---------------------|
| Oral (stomach tube)  | NOAEL     | OECD 422                 | 62.5 mg/kg bw/day |         | No effect                 | 6 weeks (daily) - 8 weeks (daily)  | Rat (male / female) | Experimental value  |
| Oral (stomach tube)  | LOAEL     | OECD 422                 | 250 mg/kg bw/day  | Bladder | Histopathological changes | 6 weeks (daily) - 8 weeks (daily)  | Rat (male / female) | Experimental value  |
| Inhalation (vapours) | NOAEC     | Subchronic toxicity test | 100 ppm           |         | No effect                 | 14 weeks (6h / day, 5 days / week) | Rat (male / female) | Experimental value  |

## reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Route of exposure   | Parameter | Method   | Value            | Organ | Effect    | Exposure time      | Species             | Value determination |
|---------------------|-----------|----------|------------------|-------|-----------|--------------------|---------------------|---------------------|
| Oral (stomach tube) | NOAEL     | OECD 407 | 300 mg/kg bw/day |       | No effect | 28 days (1x / day) | Rat (male / female) | Experimental value  |

### Conclusion

Not classified for subchronic toxicity

### Mutagenicity (in vitro)

#### Fix All High Tack Invisible

No (test)data on the mixture available  
Judgement is based on the relevant ingredients

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

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## trimethoxyvinylsilane

| Result                                                                    | Method   | Test substrate              | Effect                 | Value determination | Remark |
|---------------------------------------------------------------------------|----------|-----------------------------|------------------------|---------------------|--------|
| Positive with metabolic activation, positive without metabolic activation | OECD 473 | CHL/IU cells                | Chromosome aberrations | Experimental value  |        |
| Negative with metabolic activation, negative without metabolic activation | OECD 476 | Chinese hamster ovary (CHO) |                        | Experimental value  |        |
| Negative with metabolic activation, negative without metabolic activation | OECD 471 | Bacteria (S.typhimurium)    | No effect              | Experimental value  |        |

## reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Result   | Method                 | Test substrate                         | Effect    | Value determination | Remark |
|----------|------------------------|----------------------------------------|-----------|---------------------|--------|
| Negative | Equivalent to OECD 471 | Bacteria (S.typhimurium)               | No effect | Experimental value  |        |
| Positive | OECD 473               | Chinese hamster lung fibroblasts (V79) |           | Experimental value  |        |

## Mutagenicity (in vivo)

### Fix All High Tack Invisible

No (test)data on the mixture available

Judgement is based on the relevant ingredients

## trimethoxyvinylsilane

| Result                          | Method   | Exposure time     | Test substrate | Organ | Value determination |
|---------------------------------|----------|-------------------|----------------|-------|---------------------|
| Negative (Inhalation (vapours)) | OECD 489 | 3 days (1x / day) | Rat (female)   |       | Experimental value  |

## reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

| Result                         | Method   | Exposure time | Test substrate | Organ       | Value determination |
|--------------------------------|----------|---------------|----------------|-------------|---------------------|
| Negative (Oral (stomach tube)) | OECD 474 |               | Mouse (male)   | Bone marrow | Experimental value  |

## Conclusion

Not classified for mutagenic or genotoxic toxicity

## Carcinogenicity

### Fix All High Tack Invisible

No (test)data on the mixture available

Judgement is based on the relevant ingredients

## Conclusion

Not classified for carcinogenicity

## Reproductive toxicity

### Fix All High Tack Invisible

No (test)data on the mixture available

Judgement is based on the relevant ingredients

## trimethoxyvinylsilane

|                                               | Parameter | Method           | Value             | Exposure time                 | Species      | Effect    | Organ | Value determination |
|-----------------------------------------------|-----------|------------------|-------------------|-------------------------------|--------------|-----------|-------|---------------------|
| Developmental toxicity (Inhalation (vapours)) | NOAEL     | EPA OTS 798.4350 | 100 ppm           | 10 days (gestation, 6h / day) | Rat (female) | No effect |       | Experimental value  |
| Maternal toxicity (Inhalation (vapours))      | NOAEL     | EPA OTS 798.4350 | 25 ppm            | 10 days (gestation, 6h / day) | Rat (female) | No effect |       | Experimental value  |
| Effects on fertility (Oral (stomach tube))    | NOAEL (P) | OECD 422         | 1000 mg/kg bw/day | ≤ 43 day(s)                   | Rat (male)   | No effect |       | Experimental value  |

## reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

|                                            | Parameter | Method   | Value | Exposure time          | Species             | Effect    | Organ | Value determination |
|--------------------------------------------|-----------|----------|-------|------------------------|---------------------|-----------|-------|---------------------|
| Developmental toxicity                     |           |          |       |                        |                     |           |       | Data waiving        |
| Maternal toxicity                          |           |          |       |                        |                     |           |       | Data waiving        |
| Effects on fertility (Oral (stomach tube)) | NOEL      | OECD 415 | ≥ 300 | 55 day(s) - 106 day(s) | Rat (male / female) | No effect |       | Read-across         |

## Conclusion

Not classified for reprotoxic or developmental toxicity

## Toxicity other effects

### Fix All High Tack Invisible

No (test)data on the mixture available

## Chronic effects from short and long-term exposure

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

Revision number: 0303

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Fix All High Tack Invisible  
Skin rash/inflammation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Fix All High Tack Invisible  
No (test) data on the mixture available  
Classification is based on the relevant ingredients  
trimethoxyvinylsilane

|                                         | Parameter | Method        | Value      | Duration  | Species                         | Test design        | Fresh/salt water | Value determination                       |
|-----------------------------------------|-----------|---------------|------------|-----------|---------------------------------|--------------------|------------------|-------------------------------------------|
| Acute toxicity fishes                   | LC50      |               | 191 mg/l   | 96 h      | Oncorhynchus mykiss             |                    | Fresh water      | Experimental value; Nominal concentration |
| Acute toxicity crustacea                | EC50      | EU Method C.2 | 168.7 mg/l | 48 h      | Daphnia magna                   | Static system      | Fresh water      | Experimental value; GLP                   |
| Toxicity algae and other aquatic plants | ErC50     |               | > 89 mg/l  | 72 h      | Pseudokirchneriella subcapitata | Static system      | Fresh water      | Experimental value; GLP                   |
|                                         | NOEC      |               | > 89 mg/l  | 72 h      | Pseudokirchneriella subcapitata | Static system      | Fresh water      | Experimental value; GLP                   |
| Long-term toxicity fish                 |           |               |            |           |                                 |                    |                  | Data waiving                              |
| Long-term toxicity aquatic crustacea    | NOEC      | OECD 211      | 28.1 mg/l  | 21 day(s) | Daphnia magna                   | Semi-static system | Fresh water      | Experimental value; GLP                   |

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

|                                         | Parameter | Method                 | Value      | Duration  | Species                 | Test design        | Fresh/salt water | Value determination                       |
|-----------------------------------------|-----------|------------------------|------------|-----------|-------------------------|--------------------|------------------|-------------------------------------------|
| Acute toxicity fishes                   | LC50      | OECD 203               | 0.9 mg/l   | 96 h      | Danio rerio             | Semi-static system | Fresh water      | Experimental value; GLP                   |
| Toxicity algae and other aquatic plants | ErC50     | OECD 201               | 1.68 mg/l  | 72 h      | Desmodesmus subspicatus | Static system      | Fresh water      | Experimental value; GLP                   |
|                                         | NOEC      | OECD 201               | 0.22 mg/l  | 72 h      | Desmodesmus subspicatus | Static system      | Fresh water      | Experimental value; Growth                |
| Long-term toxicity fish                 |           |                        |            |           |                         |                    |                  | Data waiving                              |
| Long-term toxicity aquatic crustacea    | NOEC      | OECD 211               | 1 mg/l     | 21 day(s) | Daphnia magna           | Semi-static system | Fresh water      | Experimental value; Reproduction          |
| Toxicity aquatic micro-organisms        | IC50      | Equivalent to OECD 209 | ≥ 100 mg/l | 3 h       | Activated sludge        | Static system      | Fresh water      | Experimental value; Nominal concentration |

Classification of this substance is debatable as it does not correspond to the conclusion from the test

### Conclusion

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

trimethoxyvinylsilane

#### Biodegradation water

| Method    | Value     | Duration  | Value determination |
|-----------|-----------|-----------|---------------------|
| OECD 301F | 51 %; GLP | 28 day(s) | Experimental value  |

#### Phototransformation air (DT50 air)

| Method | Value       | Conc. OH-radicals       | Value determination |
|--------|-------------|-------------------------|---------------------|
|        | 0.56 day(s) | 500000 /cm <sup>3</sup> | Calculated value    |

#### Half-life water (t1/2 water)

| Method   | Value           | Primary degradation/mineralisation | Value determination |
|----------|-----------------|------------------------------------|---------------------|
| OECD 111 | < 2.4 h; pH = 7 | Primary degradation                | Weight of evidence  |

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

#### Biodegradation water

| Method    | Value | Duration  | Value determination |
|-----------|-------|-----------|---------------------|
| OECD 301E | 38 %  | 28 day(s) | Experimental value  |

#### Biodegradation soil

| Method | Value | Duration | Value determination |
|--------|-------|----------|---------------------|
|        |       |          | Data waiving        |

#### Half-life water (t1/2 water)

| Method   | Value                 | Primary degradation/mineralisation | Value determination |
|----------|-----------------------|------------------------------------|---------------------|
| OECD 111 | 100.3 h - 2568 h; GLP | Primary degradation                | Experimental value  |

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

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## Conclusion

### Water

Contains non readily biodegradable component(s)

## 12.3. Bioaccumulative potential

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### Log Kow

| Method | Remark                   | Value | Temperature | Value determination |
|--------|--------------------------|-------|-------------|---------------------|
|        | Not applicable (mixture) |       |             |                     |

trimethoxyvinylsilane

### Log Kow

| Method | Remark | Value | Temperature | Value determination |
|--------|--------|-------|-------------|---------------------|
| KOWWIN |        | 1.1   | 20 °C       | QSAR                |

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

### BCF fishes

| Parameter | Method | Value       | Duration  | Species         | Value determination |
|-----------|--------|-------------|-----------|-----------------|---------------------|
| BCF       | Other  | < 31.4; GLP | 8 week(s) | Cyprinus carpio | Experimental value  |

### Log Kow

| Method   | Remark | Value       | Temperature | Value determination |
|----------|--------|-------------|-------------|---------------------|
| OECD 107 |        | 2.37 - 2.77 | 25 °C       | Experimental value  |

## Conclusion

No straightforward conclusion can be drawn based upon the available numerical values

## 12.4. Mobility in soil

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

### (log) Koc

| Parameter | Method            | Value | Value determination |
|-----------|-------------------|-------|---------------------|
| log Koc   | SRC PCKOCWIN v2.0 | 5.31  | Calculated value    |

## Conclusion

Contains component(s) that adsorb(s) into the soil

## 12.5. Results of PBT and vPvB assessment

Due to insufficient data no statement can be made whether the component(s) fulfil(s) the criteria of PBT and vPvB according to Annex XIII of Regulation (EC) No 1907/2006.

## 12.6. Other adverse effects

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### Greenhouse gases

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

### Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

### Groundwater

Groundwater pollutant

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1. Waste treatment methods

#### 13.1.1 Provisions relating to waste

##### European Union

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

08 04 09\* (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants containing organic solvents or other hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

#### 13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into drains or the environment.

#### 13.1.3 Packaging/Container

##### European Union

Waste material code packaging (Directive 2008/98/EC).

15 01 10\* (packaging containing residues of or contaminated by dangerous substances).

Reason for revision: 3.2

Publication date: 2014-04-18

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## SECTION 14: Transport information

### Road (ADR), Rail (RID), Inland waterways (ADN), Sea (IMDG/IMSBC), Air (ICAO-TI/IATA-DGR)

|                                                                          |                                          |                                         |
|--------------------------------------------------------------------------|------------------------------------------|-----------------------------------------|
| 14.1. UN number                                                          | Transport                                | Not subject                             |
| 14.2. UN proper shipping name                                            |                                          |                                         |
| 14.3. Transport hazard class(es)                                         |                                          |                                         |
|                                                                          | Hazard identification number             |                                         |
|                                                                          | Class                                    |                                         |
|                                                                          | Classification code                      |                                         |
| 14.4. Packing group                                                      |                                          |                                         |
|                                                                          | Packing group                            |                                         |
|                                                                          | Labels                                   |                                         |
| 14.5. Environmental hazards                                              |                                          |                                         |
|                                                                          | Environmentally hazardous substance mark | no                                      |
| 14.6. Special precautions for user                                       |                                          |                                         |
|                                                                          | Special provisions                       |                                         |
|                                                                          | Limited quantities                       |                                         |
| 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code |                                          |                                         |
|                                                                          | Annex II of MARPOL 73/78                 | Not applicable, based on available data |

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European legislation:

VOC content Directive 2010/75/EU

| VOC content | Remark |
|-------------|--------|
| 4.575 %     |        |
| 49.6377 g/l |        |

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

|                                                                                                                                                       | Designation of the substance, of the group of substances or of the mixture                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Conditions of restriction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - trimethoxyvinylsilane<br>- reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:<br>(a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F;<br>(b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10;<br>(c) hazard class 4.1;<br>(d) hazard class 5.1. | 1. Shall not be used in:<br>— ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,<br>— tricks and jokes,<br>— games for one or more participants, or any article intended to be used as such, even with ornamental aspects,<br>2. Articles not complying with paragraph 1 shall not be placed on the market.<br>3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:<br>— can be used as fuel in decorative oil lamps for supply to the general public, and,<br>— present an aspiration hazard and are labelled with H304,<br>4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).<br>5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:<br>a) lamp oils, labelled with H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage";<br>b) grill lighter fluids, labelled with H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage";<br>c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.<br>6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled H304, intended for supply to the general public.<br>7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.' |
| - trimethoxyvinylsilane                                                                                                                               | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category                                                                                                                                                                                                                                                                                                                   | 1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:<br>— metallic glitter intended mainly for decoration,<br>— artificial snow and frost,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to that Regulation or not.

— “whoopee” cushions,  
— silly string aerosols,  
— imitation excrement,  
— horns for parties,  
— decorative flakes and foams,  
— artificial cobwebs,  
— stink bombs.  
2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:  
“For professional users only”.  
3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/ 324/EEC.  
4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

## National legislation Belgium

### Fix All High Tack Invisible

No data available

## National legislation The Netherlands

### Fix All High Tack Invisible

Waterbezwaarlijkheid A (3); Algemene Beoordelingsmethodiek (ABM)

## National legislation France

### Fix All High Tack Invisible

No data available

## National legislation Germany

### Fix All High Tack Invisible

WGK 1; Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV) - 18. April 2017

### trimethoxyvinylsilane

TA-Luft 5.2.5

### reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

TA-Luft 5.2.5

## National legislation United Kingdom

### Fix All High Tack Invisible

No data available

## Other relevant data

### Fix All High Tack Invisible

No data available

## 15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

## SECTION 16: Other information

### Full text of any H-statements referred to under heading 3:

H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H332 Harmful if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

(\*) INTERNAL CLASSIFICATION BY BIG  
ADI Acceptable daily intake  
AOEL Acceptable operator exposure level  
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)  
DMEL Derived Minimal Effect Level  
DNEL Derived No Effect Level  
EC50 Effect Concentration 50 %  
ErC50 EC50 in terms of reduction of growth rate  
LC50 Lethal Concentration 50 %  
LD50 Lethal Dose 50 %  
NOAEL No Observed Adverse Effect Level  
NOEC No Observed Effect Concentration  
OECD Organisation for Economic Co-operation and Development  
PBT Persistent, Bioaccumulative & Toxic  
PNEC Predicted No Effect Concentration  
STP Sludge Treatment Process  
vPvB very Persistent & very Bioaccumulative

### M-factor

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

Revision number: 0303

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|                                                                                                                          |   |       |     |
|--------------------------------------------------------------------------------------------------------------------------|---|-------|-----|
| reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | 1 | Acute | BIG |
|--------------------------------------------------------------------------------------------------------------------------|---|-------|-----|

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet has been elaborated for use within the European Union, Switzerland, Iceland, Norway and Lichtenstein. It may be consulted in other countries, where local legislation with regards to the set-up of safety data sheets will take precedence. It is your obligation to verify and apply such local legislation. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

Reason for revision: 3.2

Publication date: 2014-04-18

Date of revision: 2020-10-05

Revision number: 0303

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